Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 23 Dec 2022 until 23:59 on Saturday 24 Dec 2022

Forecast Issued on Thursday 22 Dec 2022 at 11:05

Confidence: High for the general themes over the next few days with unsettled and changeable conditions. Some uncertainty in the timings of rain or snow through Christmas Day and Boxing Day.

Headline for Friday 23 Dec 2022: Dry morning then rain or snow arriving in afternoon with strong winds.

Mountain weather hazards on Friday 23 Dec 2022

Blizzards
Low Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Heavy snow	Heavy snow	Light snow
Precipitation probability							
10%	10%	10%	10%	10%	80%	80%	60%

Forecast for Friday 23 Dec 2022

Weather: Mainly dry with clear spells and patchy fog overnight. Early mist clearing then a dry but cloudy morning. Rain will spread north through the afternoon, heavy at times. This will fall as snow above 400 or 500m giving some accumulations on the tops with drifting in the strong winds. Turning to rain below 900m in the evening and becoming showery.

Chance of cloud-free hill tops above 800m: 70% in morning becoming 10% in afternoon.

Low cloud and visibility: Mainly good visibility in the morning but some patchy low cloud and fog about, mainly above 700m. Visibility deteriorating in the afternoon with cloud and fog becoming extensive above 500 or 600m with patches on lower slopes.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 23 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/6 E	10/13 E	16/23 E	26/37 E	31/40 E	31/41 E	28/39 E	20/28 SE	19/24 S
600	4/6 NE	9/13 SE	16/24 E	22/33 E	22/33 E	24/35 E	25/37 E	18/26 SE	13/19 S
300	3/5 E	4/9 E	7/18 E	8/23 E	11/26 E	12/29 E	13/30 E	8/20 SE	5/15 S
Valley	4/5 NE	4/8 E	5/11 NE	8/20 E	11/25 E	12/26 E	14/28 E	9/20 E	6/14 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	0/-2	1/-3	0/-5	-0/-8	-0/-8	-1/-9	-1/-9	-0/-7	0/-5
600	2/0	2/-2	1/-4	1/-6	2/-5	1/-5	0/-7	1/-5	2/-2
300	3/2	3/1	3/-0	3/-0	4/0	4/-0	2/-2	3/0	4/2
Valley	5/4	5/3	5/3	5/2	6/3	6/2	5/1	5/2	6/4
Freezing Level*	1000m	1000m	900m	800m	900m	900m	800m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A quiet morning but note that conditions will deteriorate quickly in the afternoon with snow on higher slopes, poor visibility and strong winds.

Forecast for Saturday 24 Dec 2022

Weather: A few bright or clear intervals with occasional showers. Some of these could be heavy with hail and thunder and will fall as snow above 900m. The showers may merge to a longer spell of rain and hill snow late afternoon or evening. Feeling cold on the tops with the strong southerly breeze.

Maximum wind: South or Southwest 20 to 25mph with gusts 35mph. Strengthening in evening with gusts of 50mph on the tops.

Chance of cloud-free hill tops above 800m: Generally 40%, but 70% over northern fells.

Low cloud and visibility: Occasional cloud and fog above about 600m, mainly over southern and central fells with higher cloud on northern fells. Mostly good visibility away from cloud but sudden deteriorations in showers.

Temperature: **Valleys:** Plus 5C rising to 8C.
At 800m: Plus 2C.
Freezing level: Just above highest summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 22 December Location: Helvellyn summit at 13:30 Full report: An atmospheric day on Helvellyn with light winds, lots of cloud and even a glimpse of sunshine which produced a brief broken spectre. The majority of the new snow which fell yesterday has now thawed and the remaining snow pack now consists of just a few isolated areas in sheltered hollows and gullies above 800m These are soft and easily avoided including on Striding & Swirral Edges. However summit temperatures are forecast to drop towards freezing tomorrow so this snow will quickly become hard and icy and may present a hazard if you have to venture on to it. Full warm and waterproof winter clothing, hats & gloves, map & compass and a headtorch are all essential to enjoy the Lake District fells safely over the Christmas period. Microspikes and or trekking poles may also be very useful as the conditions become colder over the next few days.Temperature: plus 1.4 C, Maximum wind speed 8.9 mph, Wind chill: minus 3.2 C, Average wind speed: 7.5 mph.

Issued at: 1105 on Thu 22 Dec 2022

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